

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An apparatus for shaping a plurality of conductor members disposed circumferentially and extending axially from a rotary-electric-machine stator comprising:

first means for holding said conductor members;

second means for moving said first means in the circumferential direction of said stator; and

a third means for moving said first means in the axial direction of said

~~stator~~; wherein

said first means comprises a first pair of twister cylinders coaxially disposed with each other and a second pair of twister cylinders coaxially disposed adjacent to said first pair of twister cylinders;

each of said first pair of twister cylinders has a plurality of holes disposed circumferentially at equal intervals, and said plurality of holes of one of said twister cylinders of said first pair is radially spaced apart from said plurality of holes of the other of said twister cylinders of said first pair at a first distance;

said first and second pairs of twister cylinders are disposed at a second distance from each other; and

each of said second pair of twister cylinders has a plurality of holes disposed circumferentially at equal intervals, and said plurality of holes of one of said twister cylinders of said second pair is radially spaced apart from said plurality of holes of the other of said twister cylinders of said second pair at a third distance.

2. (Canceled)

3. (Currently Amended): The apparatus as claimed in ~~claim 2~~, claim 1, wherein each of said first pair of twister cylinders rotates in a direction opposite to each other.

4-5. (Canceled)

6. (Original): The apparatus as claimed in claim 1 further comprising a controller for simultaneously controlling said second and third means.

7. (Original) The apparatus as claimed in claim 6, wherein said controller controls said second means to rotate one of said first pair of twister cylinders in a direction opposite to the other.

8. (Currently Amended) An apparatus for shaping coil ends composed of a plurality of sets of U-shaped large and small conductor segments disposed in four radial-layers of slots of a rotary-machine-stator, said apparatus comprising:

four of twister cylinders, respectively rotatable about an axis, for holding connection ends of said large and small conductor segments in said four ~~radial-layers~~ radial-layers at an axial end of said stator;

a rotating mechanism for rotating said twister cylinders alternately in opposite directions to bend connection ends of said large and small conductor segments in one of said circumferential layers in one direction and connection ends of said large and small conductor segments in adjacent circumferential layer in the opposite direction;

an elevating mechanism for moving said twister cylinders in the axial direction of said stator; and

a controller for controlling said rotating mechanism and elevating mechanism to move said twister cylinders so that the length of said conductor members extending from said stator can be maintained constant.

9. (Original) The apparatus as claimed in claim 8, wherein each of said twister cylinders has a plurality of holes disposed circumferentially at equal intervals.

10. (Original) The apparatus as claimed in claim 9, wherein

said four twister cylinders are divided to an outer pair of cylinders and inner pair of cylinders to position each pair of said large and small conductor members in outer two of said circumferential layers and each pair of said large and small conductor members in inner two of said circumferential layers side by side respectively.

11. (Currently Amended) An apparatus for shaping coil ends composed of a plurality of conductor segments disposed in a plurality of radial-layers of slots of a rotary-machine-stator, said apparatus comprising:

a plurality of pairs of twister cylinders respectively corresponding to said ~~radial-layers-radial-layers~~ of slots and rotatable about an axis, said twister cylinders respectively holding connection ends of said conductor segments in separate circumferential layers at an axial end of said stator;

a rotating mechanism for rotating said twister cylinders alternately in opposite directions to bend connection ends of said conductor segments in one of said circumferential layers in one direction and connection ends of said conductor segments in adjacent circumferential layer in the opposite direction;

an elevating mechanism for moving said twister cylinders in the axial direction of said stator; and

a controller for controlling said rotating mechanism and elevating mechanism to move said twister cylinders so that the length of said conductor members extending from said stator can be maintained constant.

12-13. (Canceled)

14. (New) An apparatus for shaping a plurality of conductor members disposed circumferentially and extending axially from a rotary-electric machine stator so that

connection ends of the conduct members are disposed at one end of the stator, said apparatus comprising:

first means for holding said conductor members at the connection ends;

second means for moving said first means in a circumferential direction of said stator; and

third means for moving said first means in the axial direction of said stator,

wherein

said second means and said third means are arranged to move said first means in a controlled manner.

15. (New) The apparatus as claimed in claim 14, wherein said first means comprises a first pair of twister cylinders coaxially disposed with each other.

16. (New) The apparatus as claimed in claim 15, wherein each of said first pair of twister cylinders rotates in a direction opposite to each other.

17. (New) The apparatus as claimed in claim 15, wherein each of said first pair of twister cylinders has a plurality of holes disposed circumferentially at equal intervals, and said plurality of holes of one of said twister cylinders of said first pair is radially spaced apart from said plurality of holes of the other of said twister cylinders of said first pair at a first distance.

18. (New) The apparatus as claimed in claim 17, further comprising a second pair of twister cylinders coaxially disposed adjacent to said first pair of twister cylinders at a second distance, and each of said second pair of twister cylinders has a plurality of holes disposed circumferentially at equal intervals, and said plurality of holes of one of said twister cylinders of said second pair is radially spaced apart from said plurality of holes of the other of said twister cylinders of said second pair at a third distance.

19. (New) The apparatus as claimed in claim 14, further comprising a controller for simultaneously controlling said second and third means.